<u>CLAIMS</u>

What is claimed is:

1   1.   A method for carrying out a computer-implemented transaction, comprising:

2   (a)   storing in memory a transaction pattern reflecting a transaction; and

3   (b)   executing the transaction pattern to carry out the transaction.

1   2.   The method as recited in claim 1, wherein the transaction pattern includes a

2   record of: information submitted by a user, user actions taken by the user,

3   system actions taken by a system in response to the information and the user

4   actions in order to generate results, and the results that are sent to the user.

1   3.   The method as recited in claim 2, wherein the transaction pattern further

2   includes a record of actions taken by the system which enable access of the user

3   to data, and actions enabled by the data to retrieve content.

1   4.   The method as recited in claim 1, wherein the storage of the transaction pattern

2   includes the storage of records relating to an interface presented to a user.

1   5.   The method as recited in claim 1, wherein the storage of the transaction pattern

2   includes the storage of records relating to the submission of information by a

3   user.

1   6.   The method as recited in claim 1, wherein the storage of the transaction pattern

2   includes the storage of parameters required to complete the transaction.

1   7.   The method as recited in claim 1, wherein the storage of the transaction pattern

2   includes the storage of records relating to the navigation of a user during the

3   transaction.

1   8.   The method as recited in claim 1, wherein the storage of the transaction pattern

2   includes the storage of information returned to a user by a system.

1   9.   The method as recited in claim 1, wherein the storage of the transaction pattern

2   includes the storage of information selected by a user.

1   10.   The method as recited in claim 1, wherein the execution of the transaction

2   pattern includes retrieval of the transaction pattern by an automated and/or

3   programmable agent.

1   11.   The method as recited in claim 1, wherein the execution of the transaction

2   pattern includes submission of required parameters during the transaction.

1   12.   The method as recited in claim 1, wherein the execution of the transaction

2   pattern involves automatic navigation during the transaction.

1   13.   The method as recited in claim 1, wherein the execution of the transaction

2   pattern includes retrieval of content.

1   14.   The method as recited in claim 1, wherein the execution of the transaction

2   pattern includes relaying content to a user.

1   15.   The method as recited in claim 1, wherein the execution of the transaction
2   pattern includes recognizing a state of a remote application.

1   16.   A computer program product for carrying out a computer-implemented
2   transaction, comprising:
3   (a)   computer code for storing in memory a transaction pattern reflecting a
4   transaction; and
5   (b)   computer code for executing the transaction pattern to carry out the transaction.

1   17.   The computer program product as recited in claim 16, wherein the transaction
2   pattern includes a record of: information submitted by a user, user actions taken
3   by the user, system actions taken by a system in response to the information and
4   the user actions in order to generate results, and the results that are sent to the
5   user.

1   18.   The computer program product as recited in claim 17, wherein the transaction
2   pattern further includes a record of actions taken by the system which enable
3   access of the user to data, and actions enabled by the data to retrieve content.

1   19.   The computer program product as recited in claim 16, wherein the storage of the
2   transaction pattern includes the storage of records relating to an interface
3   presented to a user.

1   20.   The computer program product as recited in claim 16, wherein the storage of the
2   transaction pattern includes the storage of records relating to the submission of
3   information by a user.

1   21.   The computer program product as recited in claim 16, wherein the storage of the
2   transaction pattern includes the storage of parameters required to complete the
3   transaction.

1   22.   The computer program product as recited in claim 16, wherein the storage of the
2   transaction pattern includes the storage of records relating to the navigation of a
3   user during the transaction.

1   23.   The computer program product as recited in claim 16, wherein the storage of the
2   transaction pattern includes the storage of information returned to a user by a
3   system.

1   24.   The computer program product as recited in claim 16, wherein the storage of the
2   transaction pattern includes the storage of information selected by a user.

1   25.   The computer program product as recited in claim 16, wherein the execution of
2   the transaction pattern includes retrieval of the transaction pattern by an
3   automated and/or programmable agent.

1   26.   The computer program product as recited in claim 16, wherein the execution of
2   the transaction pattern includes submission of required parameters during the
3   transaction.

1   27.   The computer program product as recited in claim 16, wherein the execution of
2   the transaction pattern involves automatic navigation during the transaction.

1   28.   The computer program product as recited in claim 16, wherein the execution of
2   the transaction pattern includes retrieval of content.

1 29.   The computer program product as recited in claim 16, wherein the execution of

2   the transaction pattern includes relaying content to a user.

1 30.   The computer program product as recited in claim 16, wherein the execution of

2   the transaction pattern includes recognizing a state of a remote application.

1 31.   A system for carrying out a computer-implemented transaction, comprising:

2 (a)   logic for storing in memory a transaction pattern reflecting a transaction; and

3 (b)   logic for executing the transaction pattern to carry out the transaction.